

Spare part SIMATIC Touch Panel TP070 5.7" STN display
Resistive analog touch

| Display | |
|---|------------------------|
| Design of display | STN, 4 blue levels |
| Screen diagonal | 5.7 in |
| Resolution (pixels) | |
| • Horizontal image resolution | 320 Pixel |
| • Vertical image resolution | 240 Pixel |
| Backlighting | |
| • MTBF backlighting (at 25 °C) | 50 000 h |
| Control elements | |
| Control elements | Touch screen |
| Keyboard fonts | |
| • Function keys | No |
| • System keys | No |
| • Numeric keyboard | Yes |
| • alphanumeric keyboard | No |
| • hexadecimal keyboard | Yes |
| • Multi-key operation | No |
| Touch operation | |
| • Design as touch screen | Yes; analog, resistive |
| Connection type | |
| • Type of connection for mouse/keyboard/barcode reader | - / - / - |
| Installation type/mounting | |
| Mounting position | vertical |
| maximum permissible angle of inclination without external ventilation | 35° |
| Input current | |
| Current consumption (rated value) | 0.24 A |
| Processor | |
| Processor type | RISC 32 bit |
| Memory | |
| Type of memory | Flash / RAM |
| Memory available for user data | 128 kbyte |
| Type of output | |

| | |
|-----------|----|
| Info LED | No |
| Power LED | No |
| Error LED | No |

Time of day

| | |
|-------------|-----------------------------------|
| Clock | |
| • Type | Software clock, no battery backup |
| • retentive | No |

Interfaces

| | |
|---------------------|------------------------------|
| Interfaces/bus type | 1x RS 485 (max. 19.2 kbit/s) |
| PC card slot | No |
| CF card slot | No |

Degree and class of protection

| | |
|-------------------|------|
| IP (at the front) | IP65 |
| IP (rear) | IP20 |

Standards, approvals, certificates

| | |
|----------------|---------------------------------------|
| Certifications | CE, FM Class I Div. 2, UL, CSA, cULus |
|----------------|---------------------------------------|

Ambient conditions

| | |
|---|--------|
| Ambient temperature during storage/transportation | |
| • min. | -20 °C |
| • max. | 60 °C |
| Relative humidity | |
| • Operation, max. | 85 % |

Operating systems

| | |
|--------------------------------|------------|
| pre-installed operating system | Windows CE |
|--------------------------------|------------|

Configuration

| | |
|------------------------|--|
| Configuration software | |
| • Configuration tool | MicroWin / TP Designer Version 1 and higher (to be ordered separately) |

Dimensions

| | |
|----------------------------|--------|
| Width of the housing front | 212 mm |
| Height of housing front | 156 mm |
| Overall depth | 45 mm |

Weights

| | |
|----------------------------|--------|
| Weight (without packaging) | 0.7 kg |
|----------------------------|--------|

Other

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|--------------|-----|
| free hotline | Yes |
|--------------|-----|

last modified: 05/30/2019